SMX Shenzhen SMX Display Technology Co., Ltd

High Brightness Laser Projector

- High Brightness
- Laser Light Source
- 3LCD Display Technology
- Dynamic Contrast
- Long Lifetime
- Keystone Correction
- Len Shift
- Edge Blending
- 360° Projection
- Manual & Motorized Lenses



S Series



X Series

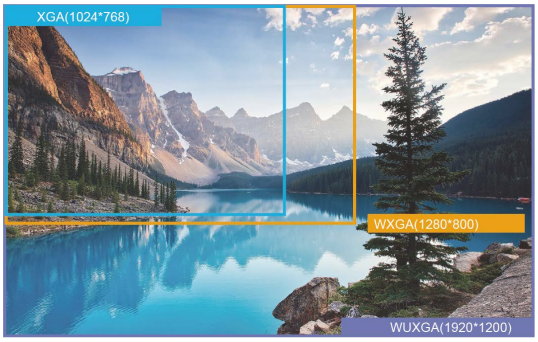


M Series

LCD laser installation projectors extreme brightness captivates audiences in conference rooms, auditoriums and sanctuaries

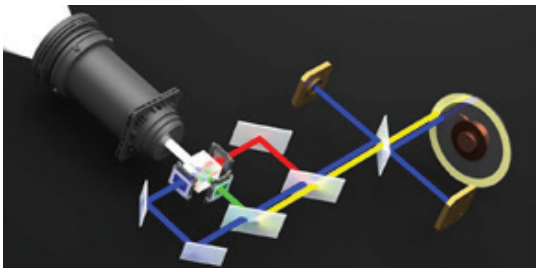
WUXGA Resolution , support 4k input

WUXGA resolution (Widescreen Ultra Extended Graphics Array) offers a native resolution of 1920 x 1200 pixels.
This provides a sharper, more detailed image than the common 1080p Full HD (1920x1080) because it has 120 extra vertical lines of pixels. The slightly taller 16:10 aspect ratio is ideal for displaying modern widescreen content while also being perfect for productivity, as it can show a full laptop screen or a large spreadsheet without black bars or the need to scroll.



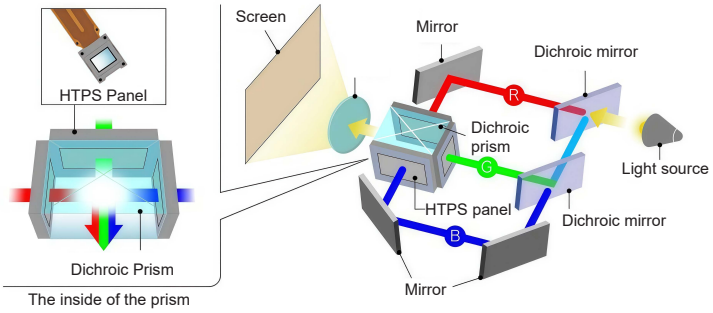
Laser Light Source

- The image appears immediately after powering on due to the instantaneous start-up of the laser
- Dual blue laser systems provide in best-in-class white balance over the life of the projector
- Inorganic optical components create a longer lifetime and greater peace of mind.
- Normal model 20000hrs, ECO model 30000hrs.



3LCD Display Technology

3LCD technology use 3 chips in every projector. The innovative 3-chip design sets itself apart by delivering vibrant, true-to-life images with best-in-class Color Brightness1 in brightest mode and up to 3x wider Color Gamut2 in the brightest mode.



Filter Free

- Filter free LCD projector
- Sealed LCD cooling system prevents dust from reaching the optics and eliminates the need for a filter
- External air never reaches the optical path
- No dust artifacts or decrease in brightess
- LCD Laser Projector that is maintenance free!

Low Noise

Closed internal circulation system with low noise operation, with a large, slow-spinning fan and efficient heat dissipation technology, to minimize audible sound. This results in a whisper-quiet performance, typically measured below 33 decibels (dB) in eco mode.

Optical Zoom, Len Shift

The projector has the lens movement function, and the screen can be translated without loss through the menu. The user can easily adjust the position of the projected image.



Edge blending Function

The edge blending function enables multiple projectors to splice the complete picture. Seamless connection, the pursuit of bright, super large images, pure colors, and a high-resolution display effect.



Lens position memory, lens locking function

Save the lens position adjusted by the lens displacement function and record it. The stored lens position will not be reset by forced power off/normal shutdown. Preset positions can be selected through menu options.

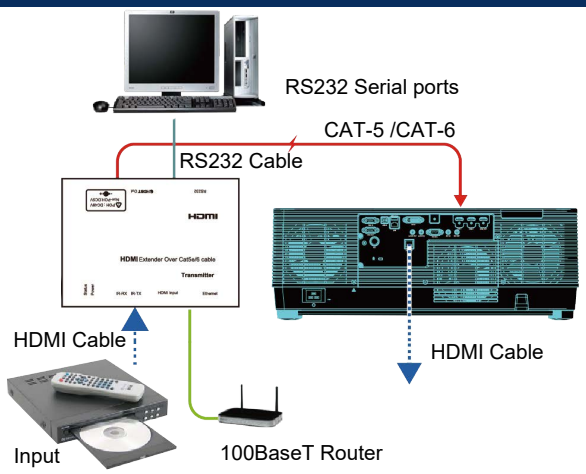


Wide selection of Inputs for connection
Easy to Control and Install

Built-In HDBaseT Support

HDBaseT is a multi-signal transmission system based on Cate5e/6 network cable. With only one Cate5e/6 network cable, it can realize real-time HD signal transmission up to 100 meters. The network cable connection is also more convenient than other cabling schemes, greatly simplifying engineering cabling, applicable to various complex installation environments, and improving the stability and reliability of the system.





A Wide Selection of Inputs/Outputs/Controls

A projector with a generous array of ports offers maximum connectivity and versatility. It eliminates the need for extra dongles or complicated switchers, allowing you to seamlessly connect multiple devices simultaneously—such as laptops, gaming consoles, streaming sticks, Blu-ray players, and audio systems. This "plug-and-play" convenience is ideal for shared environments like conference rooms or home theaters, making it easy to switch between presenters or entertainment sources instantly.



Keystone Correction

Keystone correction allows for horizontal, vertical, and diagonal image correction for aligned images, even when the projector is set up at an angle to the screen. And projecting an image isn't confined to a standard flat screen or wall. Geometric correction enables these models to project images onto spheres and cylinders: corner angles and many more non-standard surfaces.



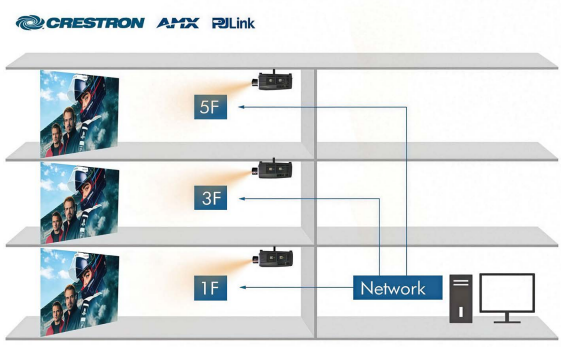
Remote control

Wired and wireless backlit remote allows you to adjust for complete control of the projectors' menu structure in a well-lit or dark environment. Direct controls, such as aspect ratio, volume, and input selection, eliminate multiple button pushes.



LAN Control

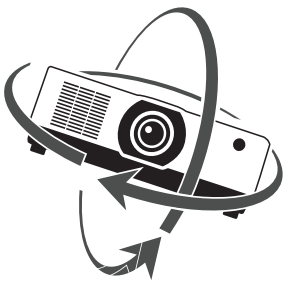
LAN control's RoomView(Crestron), AMX Discovery, and PL Link allow for complete control system support.



360 ° Omnidirectional Projection

Roll Free

When installation requirements dictate the projector needs to be placed at different angles the PA Series with Roll Free capabilities assures it is the correct projector of choice.



Specification

A variety of optional lenses to meet different installation scenarios

Series No.	X	M	S
Model No.	MX-X10000/MX-X12000U/ MX-15000U	MX-X18000U/MX20000U	MX-X22000U
Brightness(Lumens)	10000/12000/15000	18000/20000	22000
Light source	Laser		
Display Panel	3x0.76" LCD	3X1.0 LCD	
Native Resolution	WUXGA (1920 x 1200)		
Lifetime	Normal: 20000hrs / ECO:30000hrs		
Screen size	40-500 inch		
Lens Shift	V:+50%,-10%; H:±20%	V:±65%; H:±25%	
Contrast Ratio(Min)	1,000,000:1	3,000,000:1	
Noise(dB)	Normal:35dB / ECO1: 32dB	Normal:38dB / ECO:32dB	Normal:41dB / ECO:33dB
Uniformity	80%	90%	
Aspect Ratio	Native:16:10 /Compatible: 4:3/16:9/normal		
Input Ports			
VGA	*1		
HDMI 1.4(IN)	*2		
USB-A	*1 (5V/1.5A)		
USB-B	*1 (Display)		
RJ45	*1 (Display)		
DVI-D	*1		
HD BaseT	*1		
HD-SDI(3G-SDI)	Optional		
Audio in	*1 (VGA/DVI-D share)		
DMX512	N/A	*1	
Output Ports			
VGA	*1	N/A	
HDMI 1.4(OUT)	*1		
Audio out	*1		
Control Ports			
RS232	*1		
RJ45	*1 (Control)		
USB-B	*1 (For upgrade)		
Wired Remote(IN)	*1		
Wired Remote(OUT)	*1		
Power Requeirements	100~240V@ 50/60Hz		
General Spec			
Power Consumption	850W,ECO:0.5W Standby	1155W,ECO:0.5W Standby	1520W,ECO:0.5W Standby
Keystone Correction	V: ±30°; H: ±30°		
	Pincushion/Barrel Correction/ 6 Corner/Geometry Correction/Grid ImageTune correction		
LAN Control	LAN Control-RoomView /AMX Discovery/PJ Link		
Scanning Frequency	H-Synch:15~100KHz / V-Synch:24~85Hz		
Computer Signal Input	VGA - 4K@30Hz		
Video Singnal Input	480i -1080p		
Auto Setup	INPUT SEARCH,AUTO PC		
Auto Ceiling	Yes		
D-Zoom	1~33		
360° projection	360° omnibearing installation		
Edge Blending	Yes		
Operating Temp	5 to 40°C		
Operating Humidity	20-80%		
Store Temp	-10 to 50°C		
Store Humidity	20-80%		
Packing			
Size (WxHxDmm)	600*218*503	599*240*493	655*311*558
Net. Weight (KG)	~25kg	28.9	38.7
Standard Accessaries	Power Cord, Remote Control, HDMI Cable, Quick Start Guide		

Optional Lens For X Series			
Model No.	Throw Ratio	Focus	Zoom Rat
OL-MX13ZLM	1.46-2.95	Manual	2
OL-MX15ZLM	4.59-7.02	Manual	1.52
OL-MX40ZLM	0.79-1.11	Motorized	1.4
OL-MX41ZLM	1.3-3.02	Motorized	2.3
OL-MX43ZLM	2.99-5.93	Motorized	2
MX-MX44ULM	0.32	Motorized	1
OL-MX50SLM	0.6-0.75	Motorized	1.3

Optional Lens For M &S Series			
Model No.	Throw Ratio	Focus	Zoom Ratio
MX-EG05ZLM	0.53-0.65	Motorized	1.23
MX-EG06ZLM	4.59-7.02	Motorized	1.34
MX-EG08ZLM	0.79-1.11	Motorized	1.45
MX-EG12ZLM	1.3-3.02	Motorized	1.62
MX-EG20ZLM	2.99-5.93	Motorized	1.99
MX-EG39ZLM	0.32	Motorized	1.9

Product Photo

X Series



M Series



S Series

